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TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

Complete if Known

Application Number 09/436,368

Filing Date Nov 8, 1999

First Named Inventor CRATER

Examiner Name

Art Unit 2711

Attorney Docket No. CTC-2

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OCT 20 2003

Technology Center 2600

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None

 Deposit Account:

19-3875

Square D

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments

 Charge any additional fee(s) or any underpayment of fee(s)

 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------------------|--------------|---------------|---------------|------------------------|----------|
| 1001 770 | 2001 385 | | | Utility filing fee | |
| 1002 340 | 2002 170 | | | Design filing fee | |
| 1003 530 | 2003 265 | | | Plant filing fee | |
| 1004 770 | 2004 385 | | | Reissue filing fee | |
| 1005 160 | 2005 80 | | | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | -20** = | X | |
| | | | - 3** = | X | |
| | | | | | |

| Large Entity | Small Entity | Fee Description |
|--------------------------|--------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | 180 |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180)

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|-----------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Richard A. Baker, Jr. | Registration No. (Attorney/Agent) | 48,124 | Telephone | 978-975-9789 |
| Signature | | | | Date | 7 October 2003 |

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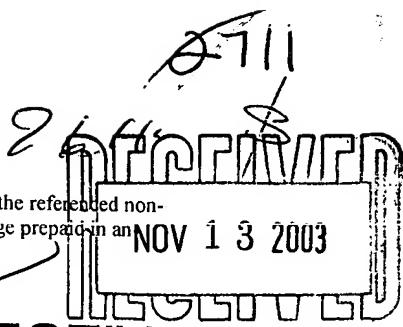
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CERTIFICATE OF MAILING

I certify that this correspondence along with a Fee Transmittal (PTO/SB/017) and 7 IDS forms (PTO/SB/08) with the referenced non-patent literature is being deposited with the United States Postal Service on October 7, 2003 as First Class Mail, postage prepaid in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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12/8/03



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Richard A. Baker, Jr.

DOCKET NO.: CTC-2

OCT 20 2003

Technology Center 2600

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

:

CRATER, KENNETH

: EXAMINER: NOT KNOWN

SERIAL NO: 09/436,368

:

FILED: NOV 8, 1999

: GROUP ART UNIT: 2711

FOR: DISTRIBUTED INTERFACE
ARCHITECTURE FOR PROGRAMMABLE
INDUSTRIAL CONTROL SYSTEMS

:

INFORMATION-DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA. 22313-1450

DEAR SIR:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, I wish to bring to the Examiner's attention the references listed on the seven accompanying forms PTO/SB/08B. A copy of the non-patent literature is attached.

This Information Disclosure Statement is being filed before the first Office Action.

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100-10000000000000000000000000000000

Respectfully submitted,

Richard A. Baker, Jr.

Agent (USPTO Reg No 48,124)



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

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OCT 20 2003

Technology Center 2600

| | |
|------------------------|-------------|
| Application Number | 09/436,368 |
| Filing Date | Nov 8, 1999 |
| First Named Inventor | CRATER |
| Art Unit | 2711 |
| Examiner Name | |
| Attorney Docket Number | CTC-2 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 5990884 | 11/99 | Douma | |
| | | US- 6370550 | 4/02 | Douma | |
| | | US- 6453210 | 9/02 | Belatosekovskiy | |
| | | US- 6321272 | 11/01 | Swales | |
| | | US- 6370569 | 4/02 | Austin | |
| | | US- 6311101 | 10/01 | Kastner | |
| | | US- 6134552 | 10/00 | Fritz | |
| | | US- 5790977 | 8/98 | Ezekiel | |
| | | US- 6061603 | 5/9/00 | Papadopoulos | |
| | | US- 6061721 | 5/00 | Ismael | |
| | | US- 6201996 | 3/01 | Crater | |
| | | US- 4669040 | 5/87 | Pettit | |
| | | US- 5684375 | 11/97 | Chaffe | |
| | | US- 6424872 | 7/02 | Glanzer | |
| | | US- 6370569 | 4/02 | Austin | |
| | | US- 6505341 | 1/03 | Harris | |
| | | US- 5162982 | 11/92 | Graber | |
| | | US- 6434157 | 8/13/02 | Dube | |
| | | US- 6327511 | 12/4/01 | Naismith | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | WO 96 31047A | 10-03-1996 | Ramesh | | |
| | | WO 97 07486A | 02-27-1997 | Boehringer | | |
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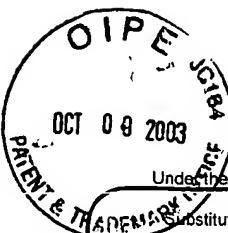
Examiner
Signature

Date
Considered

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Sheet

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OCT 20 2003

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| Application Number | 09/436,368 |
| Filing Date | Nov 8, 1999 |
| First Named Inventor | CRATER |
| Art Unit | 2711 |
| Examiner Name | |
| Attorney Docket Number | CTC-2 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | | US- 6233626 | 05-15-01 | Swales | |
| | | US- 6151625 | 11-21-00 | Swales | |
| | | US- 2002/0176441A1 | 11-28-02 | Swales | |
| | | US- 6466995 | 10-15-02 | Swales | |
| | | US- 6282454 | 08-28-01 | Papadopoulos | |
| | | US- 6484061 | 11-19-02 | Papadopoulos | |
| | | US- 5801689 | 09-01-98 | Huntsman | |
| | | US- 4918690 | 04-17-90 | Markkula | |
| | | US- | | | |

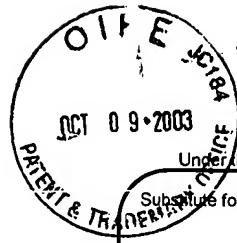
| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
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| Sheet | 3 | of | 7 | Attorney Docket Number | CTC-2 |
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| Art Unit | 2711 |
| Examiner Name | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|------------|---|----------------|
| | 93 | KAO, James T; "Remote Microscope for Inspection of Integrated Circuits"; MIT Masters Thesis; September 1995. | ✓ |
| | 58 | "From Web Server to Railroad Layout", from web page http://rr-vs.informatik.uni-ulm.de/rr/LayoutControl.html . | ✓ |
| | 58 | "News Interactive Model Railroad", from web page http://rr-vs.informatik.uni-ulm.de/rr/WhatsNew.html . | ✓ |
| | 58 | "Frequently Asked Questions", from web page http://rr-vs.informatik.uni-ulm.de/rr/FAQ.html . | ✓ |
| | 59 | PUTNAM, Frederick A; "Internet-Based Data Aquisition and Control"; Sensors; November 1999. | ✓ |
| | 62 | FUHR, Peter L and Evan F MOWAT; "Remote Interrogation and Control of Sensors via the Internet"; Sensors; December 1995. | ✓ |
| | 56 | STAFFORD-FRASER, Quentin; "The Story of the Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qsf/timeline.html . | ✓ |
| | 55 | STAFFORD-FRASER, Quentin; "The Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qsf/coffee.html . | ✓ |
| | 53 | "The Trojan Room Coffee Machine"; from web page http://www.cl.cam.ac.uk/coffee/coffee.html . | ✓ |
| | 49 | "Disk Drive with Embedded Hyper-Text Markup Language Server"; IBM Technical Disclosure Bulletin; Dec 1995. | ✓ |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

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